

Abstract of the Disclosure

Disclosed is a herbicidal composition which combines two known active ingredients at concentrations of the individual active ingredients below the level generally necessary for the individual ingredients to exhibit herbicidal activity. The herbicidal activity of the disclosed composition is greater than that of either of the individual active ingredients used alone. One of the active ingredients is a fatty acid based composition selected from caprylic acid, pelargonic acid, capric acid, undecanoic acid, 10-undecanoic acid, lauric acid, oleic acid, salts thereof and mixtures thereof. In addition, other fatty acid or fatty acid salt mixtures may be used, such as soybean fatty acid or coconut fatty acid. This component is present at a concentration range of about 0.1 to 3.0 percent by weight. The other active ingredient is a glyphosate-based herbicidal active ingredient, e.g., the isopropyl amine salt of N-(phosphonomethyl) glycine, present at about 0.08 to 1.0 percent by weight.

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